

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Snaith *et al.* CONF. NO.: 2653  
SERIAL NO.: 10/552,653 GROUP NO.: Not yet assigned  
FILING DATE: October 7, 2005 EXAMINER: Not yet assigned  
TITLE: ORGANIC ELECTRONIC DEVICES INCORPORATING  
SEMICONDUCTING POLYMER BRUSHES

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and

- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

#### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Information Disclosure Statement  
U.S. Serial No.: 10/552,653  
Atty. Docket No.: MKC-006

Respectfully submitted,

Date: September 15, 2006  
Reg. No. 58,312

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VER 9/00  
LIBC/2754991.1

  
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FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MKC-006

APPLICANT(S): Snaith *et al.*

SERIAL NO.: 10/552,653

FILING DATE: October 7, 2005 GROUP: Not yet assigned

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,854,139	12/29/1998	Aratani <i>et al.</i>			
	A2	6,447,879	09/10/2002	Sakurai <i>et al.</i>			
	A3	2003/0020088	01/30/2003	Seo <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENG LANG (Y/N)
	B1	WO 01/78162	10/18/2001	PCT					Y
	B2	WO 02/31002	04/18/2002	PCT					Y
	B3	EP 0 701 290	03/13/1996	EP					Y

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Greenham <i>et al.</i> , "A CdSe nanocrystal/MEH-PPV polymer composite photovoltaic" AIP Conference, Amer. Instit. of Physics Proceedings. CP404, Future Generation Photovoltaic Technologies: First NREL Conference, ed. McConnell, NY, NY, US, vol. 404: 295-302, March 1997.							
	C2	Mulfort <i>et al.</i> , "Preparation of surface initiated polystyrenesulfonate films and PEDOT doped by the films" <u>Polymer</u> 44: 3185-3192, 2003.							
	C3	Mulfort <i>et al.</i> , "Preparation of surface initiated polystyrenesulfonate films and PEDOT doped by the films" <u>Polymer</u> online 44(11): 3185-3192 (available online April 4, 2003).							
	C4	Pickett, "Self-Consistent Field Methods in Polymer Physics" retrieved from the internet at <a href="http://www.csulb.edu/~gpickett/ClarkU.pdf">http://www.csulb.edu/~gpickett/ClarkU.pdf</a> , on 2004-09-14 (46 pages).							
	C5	Jordan <i>et al.</i> , "Surface Initiated Living Cationic Polymerization of 2-Oxazolines" <u>J. Am. Chem. Soc.</u> , 120(2): 243-247, January 1998.							
	C6	Jordan <i>et al.</i> , "Surface-Initiated Anionic Polymerization of Styrene by Means of Self-Assembled Monolayers" <u>J. Am. Chem. Soc.</u> 121: 1016-1022, 1999.							
	C7	International Search Report for PCT/GB2004/001696, completed September 15, 2004 and mailed October 15, 2004 (4 pages).							

EXAMINER

DATE CONSIDERED

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